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publication: **29.07.92**(84) Designated contracting
states:(71) Applicant: **YAGI ANTENNA CO LTD**(72) Inventor: **KITATANI CHIHIRO**

(74) Representative:

**(54) EDUCATION SYSTEM
USING BIDIRECTIONAL
CATV**

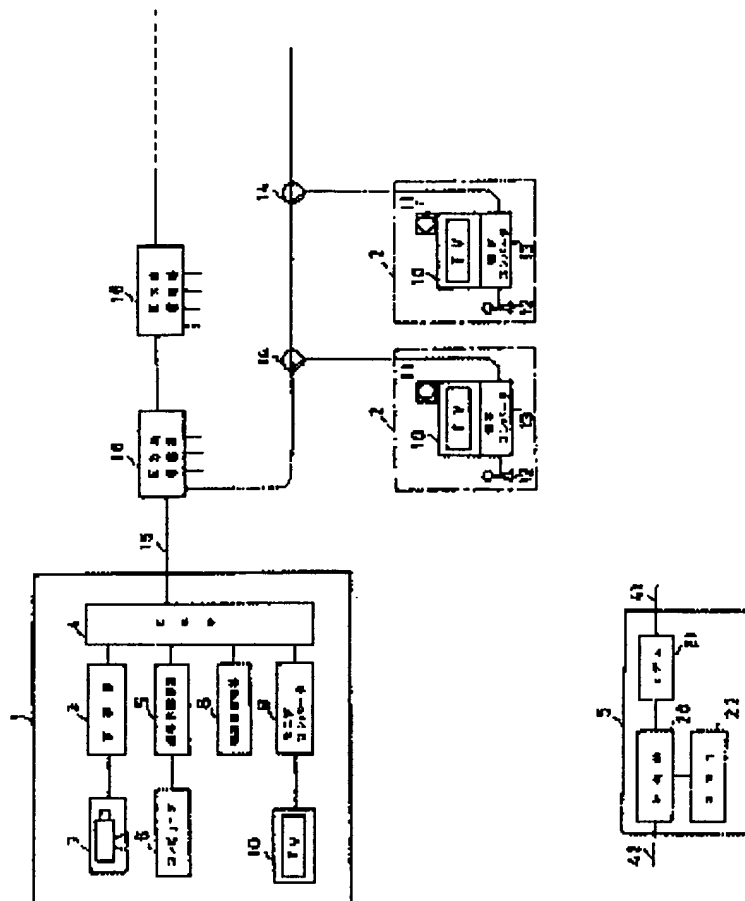
(57) Abstract:

PURPOSE: To enable the lecturers in each classroom to equally have the questions and answers by transmitting a question information read command to a terminal equipment from a center device and making the terminal equipment read the question information out of its own information storage part and send the information to the center device.

CONSTITUTION: A communication controller 5 produces a question request block in a memory 22 and sets the address of the terminal equipment that inputted a question request to the question request block together with the question request time. Then the group information on the terminal equipments that inputted the question requests are obtained by reference to a terminal group table.

Then the question request blocks are registered into a question control queue in the order of earlier question request time, i.e., in the order of smaller question request times within the question request blocks. The information on the question control queue is read out of the controller 5 by a computer 6 and then displayed on a display of the computer 6 in the question request order.

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PATENT ABSTRACTS OF JAPAN(21) Application number: **04317258**(51) Intl. Cl.: **H04N 7/14 H04M 3/56 H04M 11/06 H04N 7/15**(22) Application date: **26.11.92**

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publication: **10.06.94**(84) Designated contracting
states:(71) Applicant: **CANON INC**(72) Inventor: **SAKAMOTO KAZUYA**

(74) Representative:

**(54) TRANSMISSION
SYSTEM AND TERMINAL
EQUIPMENT**

(57) Abstract:

PURPOSE: To effectively attain interactional discussion or explanation by both of write and sound information by additionally transmitting synchronous control information for synchronizing supplemental sound with write information on the receiving side and allowing both the reproduced information to synchronize with each other on the receiving side.

CONSTITUTION: A data original is set up on an image scanner 20 to read out an image at first. An image signal read out by the scanner 20 is compressed by highly efficient coding and the compressed information is stored in a still picture storing circuit 46. The compressed picture information is read out from the circuit 46, extended and displayed

on a subdisplay 18 and the displayed picture is framed and transmitted to an opposite terminal. A linear picture, characters, etc., for supplementing the transmitted data picture are transmitted to the opposite terminal as a dynamic picture. In receiving processing, the received data image frame is decomposed and the compressed image data are stored in the circuit 46. The compressed image data stored in the circuit 46 are extended and displayed on the subdisplay 18. Thus the dynamic picture for supplementing the data is received.

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